

New Anchor Bolt Installed by United States Steel Co.

LOS ANGELES — Invention of a new anchor bolt design for fastening wood ledgers and sills to concrete and unit masonry that combines greater strength with ease and economy of manufacture and installation was announced today by U.S. Steel's Columbia-Geneva Steel Division.

Conceived and developed by H. A. Croft, general supervisor of inspection and testing at U.S. Steel's Torrance Works 20 miles southwest of Los Angeles, the new product incorporates the first design change in 50 years in the steel anchor bolts used extensively in the building and construction industries.

Called the Di-Lok anchor bolt, the new product eliminates the bend, or head, at the base of the conventional anchor bolt. This enables contractors to set the sills immediately after pouring the foundations, and to hand place the bolts into the concrete through pre-drilled holes in the sills.

Mr. Croft said the simplified placement procedure represents

Jahn Names Complainant to Safety Group

The City Council last week received its most recent argument against its Chinese-lantern traffic signals.

Councilman Robert E. Jahn, who so named them, appointed the writer to the council's traffic safety committee.

His letter follows.

CITY COUNCIL, CITY OF TORRANCE.

As a former traffic engineer for the City of Minneapolis, I would like to remark on the installation of some of the traffic controls now being installed in Torrance. I have recently purchased a home at 3802 West 185th Street, so feel I have a personal interest in what I think is best for the community.

The signals now being installed at 182nd St. and Prairie Ave. are definitely out of favor with both the National Safety Council and the National Traffic Safety Council. Signals suspended toward the center of an intersection, especially where the corners have "STOP" signs cause a very severe hazard. The driver will invariably stop for the sign and then proceed, if the driver is driving one of the late cars where visibility upward is difficult. This, you can be sure, is going to be a frequent cause of accidents, or, where people are crossing the street, a pedestrian hazard. The Safety Council has recommended only the corner type of signal, and one where the driver is instructed by the performance of the signal ACROSS the street from the direction in which he is proceeding.

I refer you to a book published by myself and the staff of the Minneapolis City Engineer's Department covering three years study of traffic trends and the elimination of driving hazards which might be prevented by proper signalization of intersections. This survey was underwritten by the Work's Progress Administration and directed by the National Safety Council with supervisory personnel from the Engineering Department of the City of Minneapolis. The survey included both automobile and pedestrian counts, the study of high-accident intersections, and exploratory work in placing of various types of controls to ascertain which were the most effective in reducing hazards. 3,000 men were used in the study, and the results were quite enlightening.

As far as costs are concerned, I know they are high. The costs in property damage and personal injury are even higher, and it seems to me that inasmuch as you are installing a certain control, it should be properly done, even though the cost is higher. Less important work might be postponed until later in order to install the proper type of control.

F. E. MELLINGER
Realtor

Completes Basic

Pvt. Jesse R. Amado Jr. of 2744 W. 174th St. has completed the eight-week basic army administration course at Fort Ord.

Amado received training in typing, record keeping, and army clerical procedures.

A 1955 graduate of Torrance High School, he is a 1959 graduate of El Camino College.

a considerable savings to the contractor in time and labor costs by eliminating the following steps:

1. Prepositioning of bolts in foundation forms before pouring concrete.
2. Pouring concrete around the bolts.
3. Removing suspension wooden washers used to hold bolts in place while pouring concrete.

The new foundation bolt will be manufactured from hot rolled round steel bar whose surface is alternately plain and Di-Lok patterned in specific lengths, Mr. Croft said.

Rolled in the same manner as the standard 3/4-inch concrete reinforcing bar, the anchor bolt's alternating plain and patterned sections are produced by specially-designed roll passes developed at the Torrance Works.

The rolled bar stock can be supplied to the anchor bolt manufacturer in multiple lengths up to 60 feet. After cutting to anchor bolt length — approximately 10 inches long, with pattern and smooth sections measuring 7 and 3 inches, respectively — the smooth end of the bolt will be threaded for the locking nut.

Elimination of the 1-inch bend at the foot of the anchor bolt will effect considerable savings

in production time and equipment, and will also make the finished units easier to ship and store.

Comparative tests conducted in the Torrance Works testing laboratory to establish holding power of the new product proved the Di-Lok anchor bolt's performance equal to or better than that of other bolts now approved under the Uniform Building Code, according to J. V. Schwafel, of U.S. Steel's Market Development Division.

U.S. Steel is now experimentally producing the same type of anchor bolt in larger sizes at Torrance.

SAINT GERARD NAME OF NEW K. C. COUNCIL

The new Torrance-Lomita Chapter of the Knights of Columbus have selected Saint Gerard as its name. Colors representing the council will be green and gold.

The first social event of the new order will be a pot-luck dinner Saturday at the home of Charles Butterfield.

It is being requested that Catholic men, 18 and over, interested in becoming charter members of the group, call Bob Steele, FA 8-4434.

Pageant Slated at Hillside School

The traditional Christmas pageant, an annual production by Hillside students, will be presented tonight, 7:30 p.m. at the PTA association meeting.

Dick Sylvester, coordinator of the program, said highlights of the event will be the orchestra and band of Hillside School, playing Christmas numbers under the direction of David Sherman.

Following narration of the Christmas story by the eighth grade, Juadell Muney will direct a program of holiday music.

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